



NOTE:

1. ALL CONDUIT ABOVE GRADE IS TO BE ALUMINUM AND PVC SCH. 40 BELOW GRADE.
2. LAYOUT EQUIPMENT ACCORDING TO SIZE AND CODE.

EQUIPMENT SCHEDULE

- (A) NOMINAL 4"x 6" PRESSURE TREATED POST SET 48" INTO EARTH. CUT TO LENGTH AS REQUIRED IN THE FIELD.
- (B) HOT DIPPED GALV. NAILS 16d
- (C) FEEDER CONDUIT FROM THE SERVICE POLE.
- (D) CONDUIT, TO THE DISCONNECT, FOR POWER AND CONTROL.
- (E) NOMINAL 2" X 8" PRESSURE TREATED LUMBER, PAINTED WITH TWO COATS OF FLAT HUNTER GREEN PAINT.
- (F) MAIN BREAKER
- (G) MICROTREL DIALSTAT
- (H) SCADA PANEL WITH RTU (SEE SPECIFICATIONS FOR REQUIREMENTS)
- (I) POWER FEED FROM CONTROL PANEL 1 1/2" CONDUIT.
- (J) FROM ANTENNA UNIT.
- (K) AUTOMATIC TRANSFER SWITCH.

- (L) CONTROL CABINET (NEMA 4X ENCLOSURE SEE SPECIFICATIONS).
- (M) CONDUIT TO SERVICE POLE FOR LIGHTS.
- (N) STAINLESS STEEL 3/8" BOLTS (TYPICAL ALL BOARDS).
- (O) AUTOMATIC TRANSFER SWITCH
- (P) 1 1/2" CONDUIT FROM MAIN BREAKER TO TRANSFER SWITCH
- (Q) POWER AND CONTROLS FROM GENERATOR
- (R) 1 1/2" CONDUIT FROM TRANSFER SWITCH TO CONTROL PANEL FOR POWER
- (S) 3/4" CONDUIT FROM GENERATOR STATUS TO RTU
- (T) 3/4" CONDUIT FROM GENERATOR STATUS TO DIALER
- (U) 4"x4" PRESSURE TREATED POST
- (V) 3/4" CONDUIT TO GENERATOR FOR BLOCK HEATER
- (W) 3/4" CONDUIT FROM CONTROL PANEL TO DIALER FOR POWER AND ALARMS
- (X) 3/4" CONDUIT FOR TELEPHONE SERVICE TO DIALER
- (Y) 1 5/8" ALUMINUM UNISTRUT WITH STRAPS, TYPICAL FOR ALL CONDUITS

WET WELL – CONTROL PANEL

STANDARD
CONSTRUCTION
DETAILS

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

S19